



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
SOLID WASTE MANAGEMENT PROGRAM  
**SOLID WASTE MANAGEMENT DISTRICT ANNUAL REPORT**

**1. SOLID WASTE MANAGEMENT DISTRICT**

West Central Missouri Solid Waste Region F District

**2. FISCAL YEAR PERIOD:**

FROM JULY 1, 2008 TO JUNE 30, 2009

**GOALS AND ACCOMPLISHMENTS**

3 (a). What waste goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

**1. Hire a Solid Waste Planner and Education Specialist**

The former Education and Outreach Specialist moved in to the position as the SWMD planner and an intern was hired for the Outreach and Education position.

**2. Provide effective outreach.**

See Attachment 3-B pages 1-5

**3. Comply and address Region F Solid Waste District Performance Audit Issues.**

The board addressed these conditions and adopted Policy and Procedures among many of the other audit findings. The Board just currently underwent another audit to assess the progress of the last year. See attached preliminary draft of audit.

**4. Enhance Region F Solid Waste District grant programs using available carryover funds as well as allotment dollars.**

The District recommending funding for 28 different grant projects

**5. Increase membership of Region F Solid Waste District Council and make both Council and Board more effective.**

The district has established both a District Council and an Advisory Board

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS

3 (b). What waste goals does the district have for the upcoming fiscal period and what actions does the district plan to take to achieve these goals. Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

1. Updating the Five Year Plan
2. Engaging the Advisory Board for recommendations and direction of the Solid Waste District
3. Continue to improve on the performance of the Solid Waste District performance audit issues
4. Continue active participation in the Missouri State Fair Recycling Program

4 (a). What recycling goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

1. Job Creation

Grants were given out for either job creation or retention.

2. Market Development

Grants were given out for the purchase of products made with recycled content material.

MO 780-1989 (06-09)

4 (b). What recycling goals does the district have for the upcoming fiscal year period and what actions does the district plan to take to achieve these goals? Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

Pioneer Trails is in the start of its second year as administrator for Region F. With this have come many improvements. We have just established an Advisory Board and District Council. These two groups have not met yet but will be meeting in the near future. Direction and guidance from them will assist with the formation of target goals.

5 (a). What resource recovery goals did the district have for the fiscal year period and what actions did the district take to achieve these goals?

The District did not have any resource recovery goals set for current fiscal year.

5 (b). What resource recovery goals does the district have for the upcoming fiscal year period and what actions does the district plan to take to achieve these goals? Please include the types of grant proposals that will be sought for the upcoming period to assist in meeting these goals.

Pioneer Trails is in the start of its second year as administrator for Region F. With this have come many improvements. We have just established an Advisory Board and District Council. These two groups have not met yet but will be meeting in the near future. Direction and guidance from them will assist with the formation of target goals.

6. SUMMARIZE THE TYPES OF PROJECTS AND RESULTS DURING FISCAL YEAR (ADDITIONAL SHEETS MAY BE ATTACHED IF NEEDED.)

Name of Project Resulting in Tonnage Diversions from Landfills.	Cost of Project.	Number of Tons Diverted.	Average Cost Per Ton Diverted.
See Attached Sheet			

Measurable outcomes achieved.

MO 780-1989 (06-08)

7. SUMMARIZE PROJECTS NOT RESULTING IN TONNAGE DIVERSION

Projects not resulting in tonnage diversions from landfills.	Cost of Project
District Operation Grant	\$169,300.00
Plan and Implementation Grant	\$14,300.00
State Fair Community College Waste to Energy Grant	\$50,000.00


Measurable outcomes achieved for these projects.  
 The Education Program by the number of contacts with citizens of the Region F District.  
 Becoming more efficient as administrator for the District and include long range strategic planning.  
 The impact that the Green energy has in the Region F District.

#### 8. IDENTIFY SEPARATE STATISTICS FOR ITEMS BANNED FROM LANDFILLS

List projects resulting in tonnage diversions from landfills.	List cost of project resulting in tonnage diversion.	Number of tons diverted from project.	Average cost per ton diverted.
See Attached Sheet			

#### 9. IDENTIFY SEPARATE STATISTICS FOR ITEMS NOT BANNED FROM LANDFILLS

List projects resulting in tonnage diversions from landfills.	List cost of project resulting in tonnage diversion.	Number of tons diverted from project.	Average cost per ton diverted.

#### 10. Describe your district's grant proposal evaluation process.

see attached sheet

RECEIVED BY  
 NOV 20 2009  
 SWMP OPERATIONS

MO 780-1989 (06-08)

#### BOARD AND COUNCIL MEMBERS

<input type="checkbox"/> Board Member <input type="checkbox"/> Council Member Name: <i>See attached sheet</i>	Address:
---	----------

# EDUCATION AND OUTREACH PROGRAM

2009-2010

F-2010

## **#1 Illegal Dumping Awareness (Morgan Co.)**

### **Task:**

Purpose: To raise awareness of the costs and dangers of illegal dumping. Through the use of student art work that promotes awareness of the dangers of illegal dumping, calendars and billboards are produced. These provide a strong message to the adults who use the calendars and see the billboards. Adult presentations are also given to civic groups in the area. In addition, proper trash disposal, recycling basics and how to report an illegal dumpsite are emphasized.

### **Outcomes:**

Outreach of information concerning the negative effects of illegal dumping and litter. (Presentation of information to 4-6<sup>th</sup> grade students, student created posters, billboards, calendars, refrigerator magnets or other promotional item, presentations to businesses and media coverage) Number of contacts is far reaching due to the number of people who will view the billboards, read newspaper articles, hear public service announcements and see the poster calendar messages.

Establish baseline information for the counties through home survey/waste audits.

### **Time Line:**

1. August 2009-October 2009 – Present to elementary students, chambers of commerce, etc.
2. October 2009-November 2009 – Poster contest
3. November 2009-December 2009 – Production and distribution of the calendar
4. December 2009- March 2010 –Billboard display

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS

### **Location (County):**

This project will take place in Morgan County.

### **Key People/Partnerships:**

Pioneer Trails Education/Information Specialist; county commission, school districts, and chambers of commerce/businesses of Morgan County; and, possible in-kind support from printing and advertising companies. (Also looking into partnership with MODOT)

### **Evaluation:**

Teacher comments from evaluation forms and completed home survey/waste audit from students.

## **#2 Vermicomposting (Re-try from 2008)**

### **Task:**

Purpose: To provide the learning experience of observing the processes of vermicomposting through the use of a worm farm in the classroom. This effort was initially apart of Pioneer Trials Education Awareness grant for 2008. Due to manpower shortages (lack of an educational awareness specialists this effort was not started.

### **Outcomes:**

Outreach of information related to composting (an effective method of diverting materials from the landfill.)

## EDUCATION AND OUTREACH PROGRAM

2009-2010

### Time Line:

November 2009 - December 2009 – contact and schedule presentation

January 2010 – March 2010 – make presentations

### Location (County):

One school (grade range 3-6) in each of the five Region F counties.

### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, schools, and potentially the University of Missouri Outreach and Education Master Gardeners Program.

### Evaluation:

Comments from completed evaluation forms. Completed classroom worm feeding forms to document the amount of food waste diverted from the landfill.

## #3 Requested, Regularly Scheduled and Requested Presentations

### A. Water Festivals (in Morgan and other Region F Counties)

#### Task:

A day-long Water Festival focusing on all components of water quality is presented to each of the three schools in cooperation with Morgan County Soil and Water Conservation District, University of Missouri Outreach and Extension, Missouri Department of Conservation, Natural Resources Conservation Services, Missouri Department of Natural Resources, Conservation Federation of Missouri, MFA Agra Services, and Pioneer Trails Regional Planning Commission/Region F Solid Waste District. The students rotate among 6-7 learning stations, each with a different focus on water quality. Each segment of information is coordinated with the Missouri Assessment State Standards and the school district's curriculum. Other Region F counties will be contacted for potential expansion of the project.

#### Outcomes:

Outreach of information to students/children concerning effective solid waste management in relation to good water quality.

#### Time Line:

1. August 2009-September 2009 –scheduling and planning the water festival
2. September 2009 – May 2010- scheduled water festivals

#### Location (County):

Morgan and possibly other Region F counties

#### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, school districts (public and private), county soil and water conservation districts, University of Missouri Outreach and Extension, Missouri Department of Conservation, Natural Resources Conservation Services, Missouri Department of Natural Resources,

RECEIVED BY  
NOV 20 2009  
SWMP OPERATIONS

# EDUCATION AND OUTREACH PROGRAM

**2009-2010**

Conservation Federation of Missouri, MFA Agra Services, and Pioneer Trails Regional Planning Commission/Region F Solid Waste District.

**Evaluation:** Teacher comments from evaluation forms

## **B. Women In Ag**

**Task:**

Purpose: To provide effective solid waste management methods to women connected to agriculture.

**Outcomes:**

Outreach of information related to methods of solid waste management in agriculture.

Conference participants will use compostable tableware.

**Time Line:**

July 2008-September 2009 – planning, presentation and participation to occur as Women In Ag conferences are scheduled. Typically, Lafayette/Johnson Counties hold a conference in the fall while Saline County holds a conference in the spring. Other conferences to be added as networking are developed.

**Location (County):**

Lafayette, Johnson and Saline Counties with potential expansion to the remaining Region F counties.

**Key People/Partnerships:**

Pioneer Trails Education/Information Specialist, Natural Resources Conservation Service (NRCS), United States Department of Agriculture (USDA), University of Missouri Outreach and Extension and other agencies.

**Evaluation:**

Comments from the Women in Ag Conference organizers evaluation forms.

## **#4. Awareness Presentations**

**Task:**

Purpose: To promote awareness of effective solid waste management through in the five Region F counties.

**Outcomes :**

Outreach of information concerning effective practices of solid waste management.

**Time Line:**

July 2009 through June 2010.

**Location (County):**

Johnson, Lafayette, Morgan, Pettis and Saline Counties.

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS 3

# EDUCATION AND OUTREACH PROGRAM

2009-2010

## Key People/Partnerships:

Pioneer Trails Education/Information Specialist, Pioneer Trails Volunteers for Region F Projects, and other possible partnerships. Partnerships may also include schools, civic and youth organizations, governments, and others.

## Evaluation:

Participants' comments from evaluation forms.

## **#5. Resource Library Center**

### Task:

Purpose: To continue an educational resource center for use by environmental/waste management formal and informal educators (and Pioneer Trails Volunteers for Region F Projects) including books, periodicals, teaching materials, films, lesson plans, etc.

### Outcomes:

Outreach of information to promote the educational activities that support effective solid waste management.

### Time Line:

July 2009-June 2010 – ongoing renewal of materials.

### Location (County):

The Resource Library will be located in Pioneer Trails Region F offices, but items from the library may be borrowed by educators serving the five county Region F area.

### Key People/Partnerships:

Pioneer Trails Education/Information Specialist, Pioneer Trails Communication Assistant with potential partnerships established with colleges, universities, and libraries within the Region F area.

### Evaluation:

Borrowers and users of the library will complete an evaluation form asking whether or not the Resource Library served the needs of the project.

## **#6. Professional Development and Conferences**

### Task:

To provide training and learning experiences through classes and conferences. Webinar Training, Mora Conferences, MEEA Conferences.

### Outcomes:

Expanded knowledge base.

### Time Line:

July 2009 – June 2010.

### Location:

Varying locations where training and conferences are offered.

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS

RECEIVED BY

NOV 20

SWMP OPERATIONS

## **EDUCATION AND OUTREACH PROGRAM**

---

**2009-2010**

### **Key People/Partnerships:**

Education/Information Specialist and Communication Assistant.

# WEST CENTRAL MO (REGION F) SOLID WASTE DISTRICT GRANT EVALUATION FORM

EVALUATOR: Scott Sader

EVALUATOR #: A

PROJECT TITLE: \_\_\_\_\_ PROJECT MGR: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ DATE: \_\_\_\_\_

TYPE: WR/RE\_\_\_\_ HHW\_\_\_\_ MD\_\_\_\_ Jobs\_\_\_\_

GRANT AMOUNT REQUESTED \$ \_\_\_\_\_ TOTAL PROJECT COST \$ \_\_\_\_\_

CRITERIA	MAX PTS	PT AWARD	REMARKS
APPLICANT SUBMISSION	5		CONTENT & FORMAT
PERMITS, APPROVALS, LICENSES (7)	10		CERTIFICATION
TECHNICAL CAPABILITY (13,10)	10		KEY PERSONNEL/QUALIFICATIONS
MANAGERIAL CAPABILITY (11,12,14)	10		KEY PERSONNEL/ QUALIFICATIONS
BUSINESS SUSTAINABILITY (3,4,5,6,8,9)	15		SELF-SUSTAINING
SUCCESSFUL PROJECT (1,2,3,5,6,7,8,9)	10		REINFORCE MARKETS/GOALS
WASTE DIVERSION (1,2,5,)	15		AMOUNT , IMPACT
TIMETABLE, REPORTS (14,15,16)	10		MEET SCHEDULE/REPORTING
BUDGET REASONABILITY (15,17,18,19)	10		NO INELIGIBLE COSTS
REGIONAL IMPACT (3,4,5,6,17)	5		LOCATION
<b>Sub Total</b>	<b>100</b>		
	<b>5</b>		<i>Bonus Points for HHW Event</i>
	<b>5</b>		<i>Bonus Points Emerging Markets &amp; Development</i>
	<b>5</b>		<i>Bonus Points Job Creation &amp; Retention</i>
<b>TOTAL</b>	<b>115</b>		

1-3 POINTS OMMISSIONS  
7-8 POINTS EXCELLENT

4-6 POINTS SATISFACTORY  
9-10 POINTS OUTSTANDING

**\*No Partial Funding of Grants\***

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS

For Item 6+8

8

Project #	Project Cost	Tons Diverted	Average Cost per Ton Diverted	
F-2008-4	\$ 3,548.00	64.36	\$	55.13
F-2008-5	\$4,125.00	122.71	\$	33.62
*F-2008-8*	\$1,080.00	799.74	\$	1.35
F-2008-7	\$71,580.00	900.9	\$	79.45
*F-2009-3*	\$32,880.00	842.24	\$	39.04
F-2009-4	\$31,662.00	289.2	\$	109.48
F-2009-5	\$9,569.30	46	\$	208.03
F-2009-6	\$15,750.00	115.4	\$	136.48
*F-2009-7*	\$2,999.00	542.51	\$	5.53
*F-2009-8*	\$3,076.00	308.799	\$	9.96
F-2009-9	\$1,420.20	193.2	\$	7.35
*F-2009-10*	\$1,554.00	237.65	\$	6.54
*F-2009-11*	\$28,000.00	254.61	\$	109.97
F-2009-13	\$25,000.00	736.5	\$	33.94
*F-2009-14*	\$22,995.00	5.3	\$	4,338.68
F-2009-15	\$25,000.00	3.63	\$	6,887.05
F-2009-16	\$75,000.00			
F-2009-17	\$86,151.48			
F-2009-18	\$15,999.00			
F-2009-19	\$33,530.50			
F-2009-20	\$28,000.00			
F-2009-21	\$30,850.00			
F-2009-22	\$20,000.00	173.09	\$	115.55
F-2009-23	\$10,016.00			
F-2009-24	\$24,995.00			
F-2009-25	\$31,625.00			
F-2009-26	\$19,852.00			
F-2009-27	\$26,212.00			
*F-2009-28*	\$6,480.00	2.5	\$	2,592.00
F-2009-31	\$50,000.00			
F-2009-33	\$12,200.00	222.69	\$	54.78
F-2009-34	\$20,571.79			
				0

RECEIVED BY

NOV 20 2009

SWMP OPERATIONS